



Gray, V., Galvin, D., Sun, L., Gilbert, E. P., Martin, T., Hill, P., Rawson, M., & Perkins, K. (2017). Precipitation in a novel maraging steel F1E: A study of austenitization and aging using small angle neutron scattering. *Materials Characterization*, 129, 270-281.
<https://doi.org/10.1016/j.matchar.2017.05.002>

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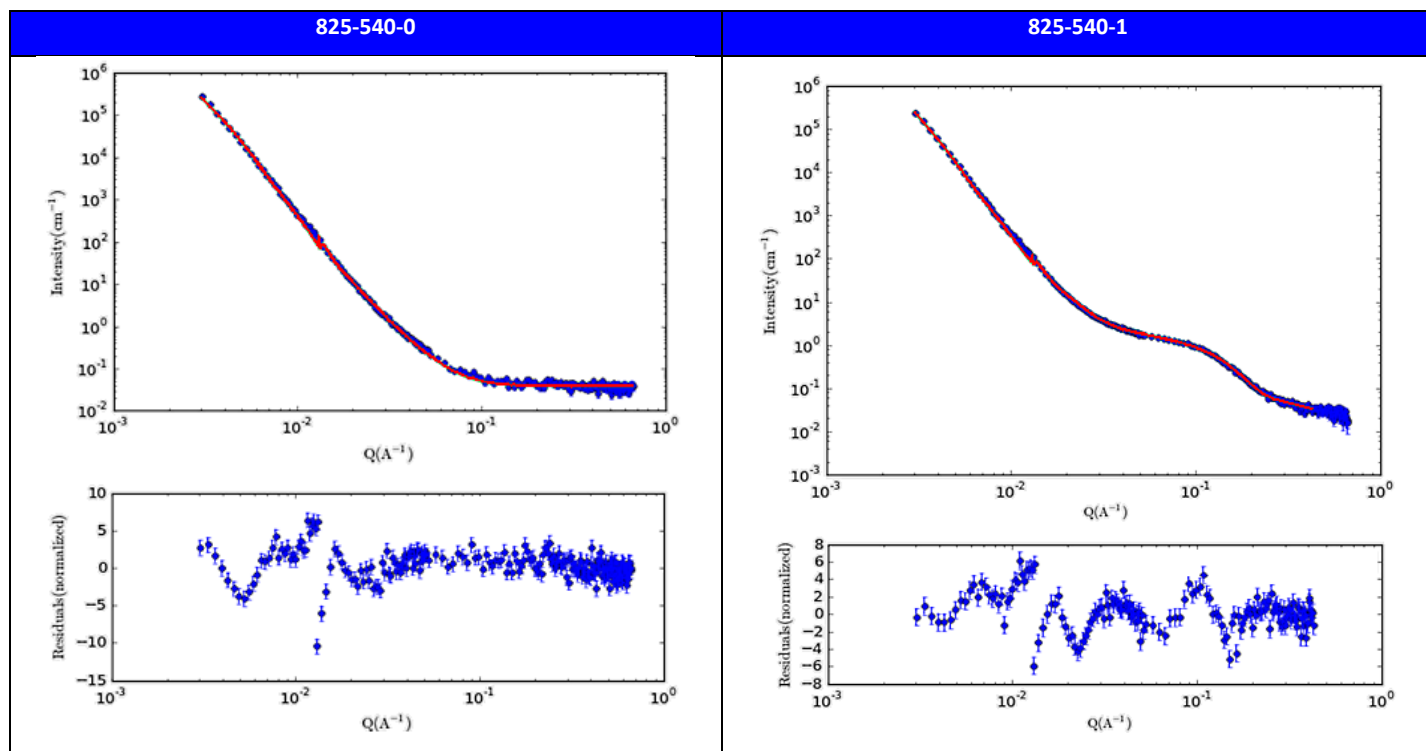
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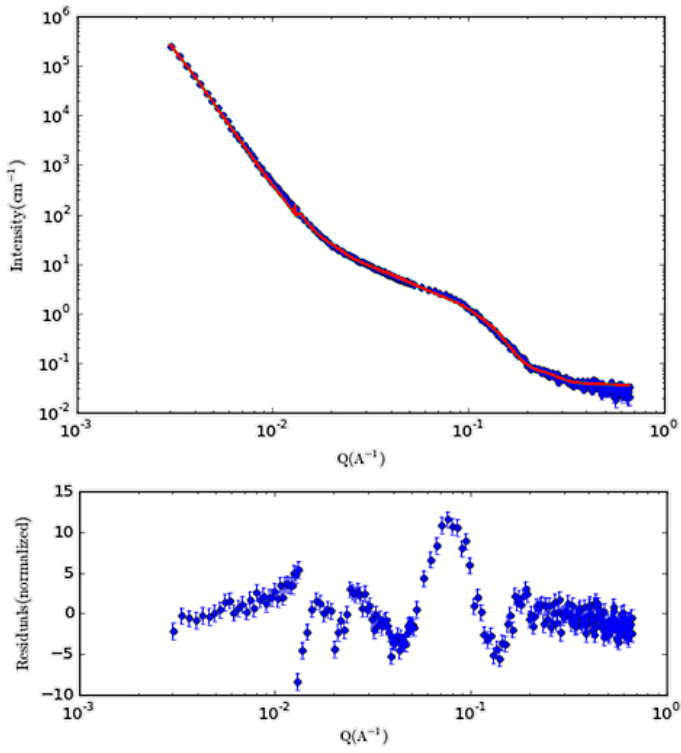
Appendix:

This appendix contains the tabulated values used in Fig. 6, 8-12 and SANS fits. Each table has the austenitization and aging temperature at the top in °C, with aging time listed in hrs, lengths in nm, and volume in %. The SANS fits show the model fit to data; data in blue and model in red, as well as, the normalised error i.e. residuals. Figures are listed in a 3 number format A-B-C where A=austenitization temperature (°C), B=aging temperature (°C), and C=aging time (hrs).

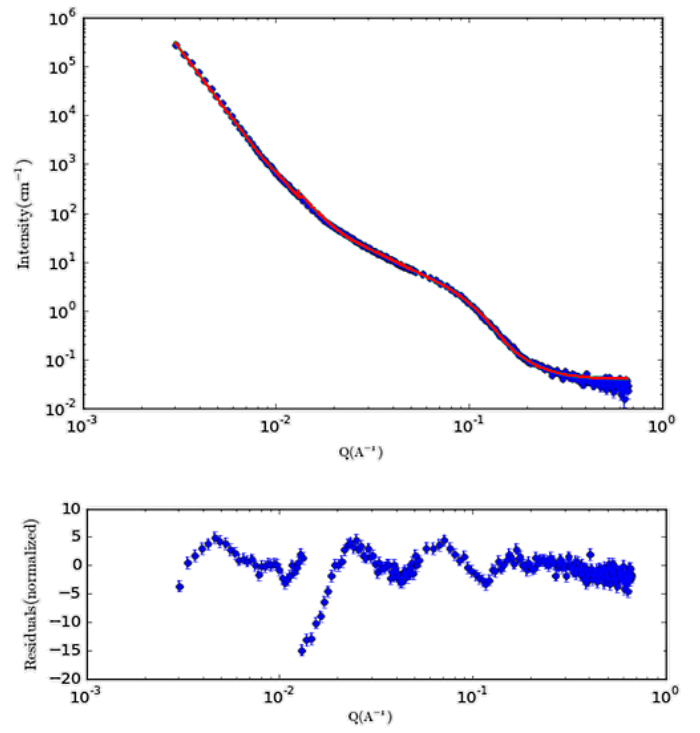
825-540							
Aging Time	0	1	2.5	5	7.5	10	24
Pre-existing Laves							
R_a	23.0 ± 0.2	24.2 ± 0.2	26.7 ± 0.2	45.4 ± 1.4	53.3 ± 1.1	39.4 ± 0.5	34.9 ± 2.4
R_b	36.2 ± 0.3	45.0 ± 0.8	58.3 ± 1.0	61.9 ± 1.9	63.6 ± 1.3	52.5 ± 0.2	69.7 ± 0.6
Volume	1.4 ± 0.0	1.5 ± 0.0	1.2 ± 0.0	1.7 ± 0.1	2.00 ± 0.0	2.1 ± 0.1	2.4 ± 0.0
Nucleating Laves							
R_a	-	0.667 ± 0.089	1.0 ± 0.0	3.1 ± 0.0	3.4 ± 0.0	3.6 ± 0.0	4.7 ± 0.0
R_b	-	2.537 ± 0.016	6.2 ± 0.0	8.2 ± 0.1	9.9 ± 0.0	12.7 ± 0.1	18.6 ± 0.1
Volume	0	1.679 ± 0.012	2.0 ± 0.0	2.7 ± 0.0	4.5 ± 0.0	4.6 ± 0.0	4.9 ± 0.0
Beta							
R	-	1.751 ± 0.024	2.1 ± 0.0	2.5 ± 0.0	2.2 ± 0.0	2.6 ± 0.0	3.0 ± 0.0
Volume	0	1.394 ± 0.014	2.00 ± 0.0	3.4 ± 0.0	3.2 ± 0.0	3.2 ± 0.0	3.2 ± 0.0



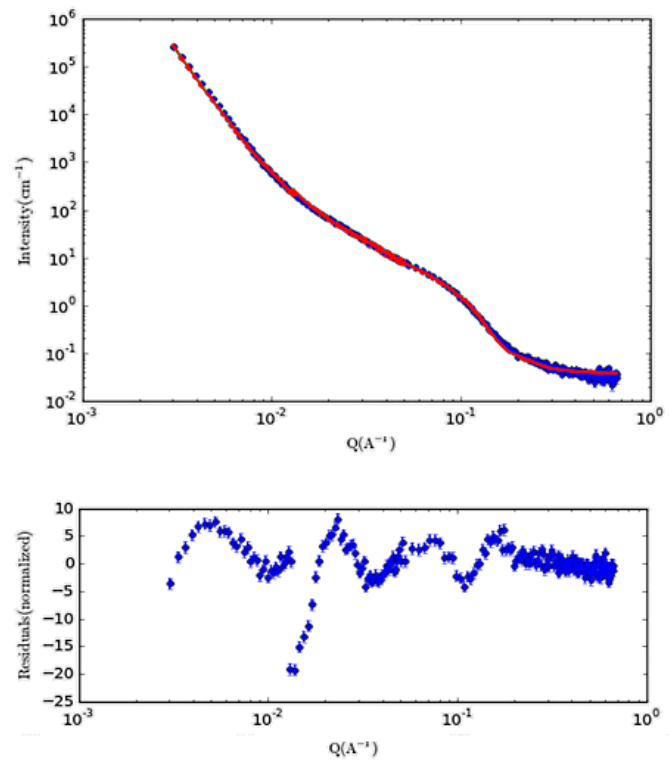
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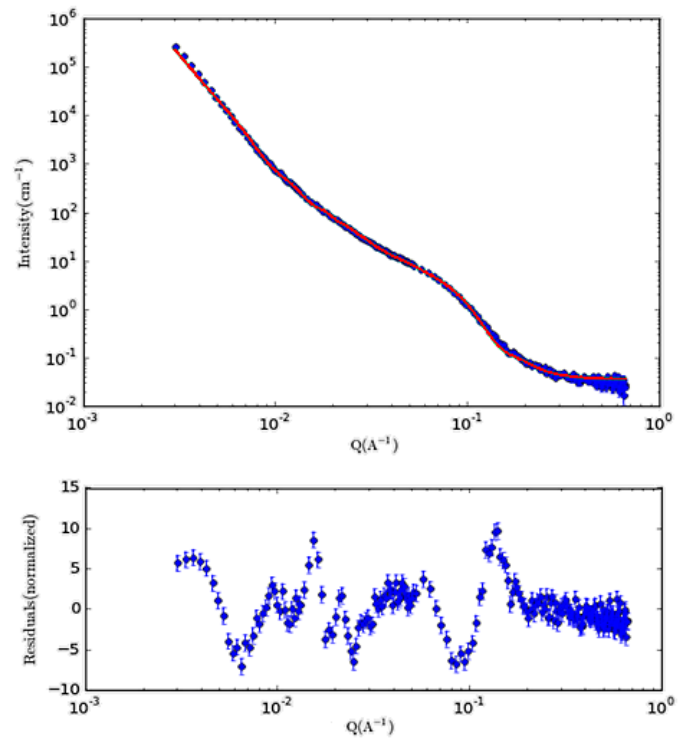
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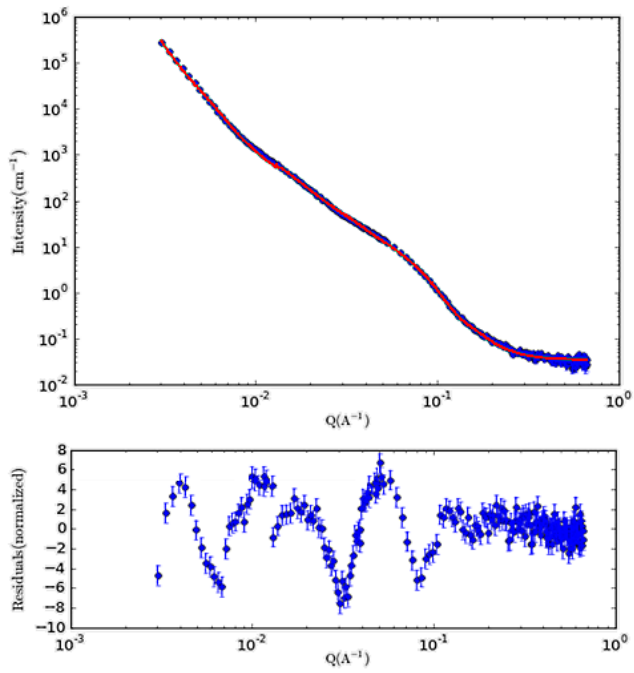
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825-540-10



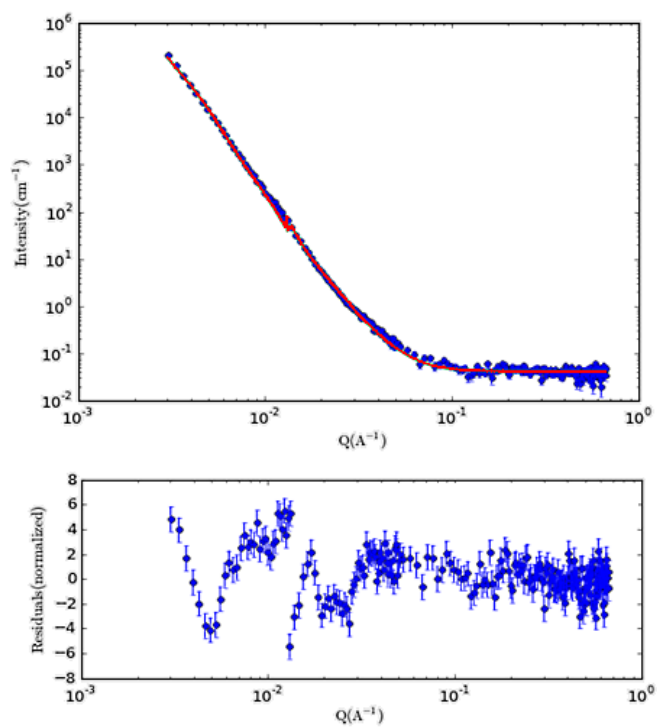
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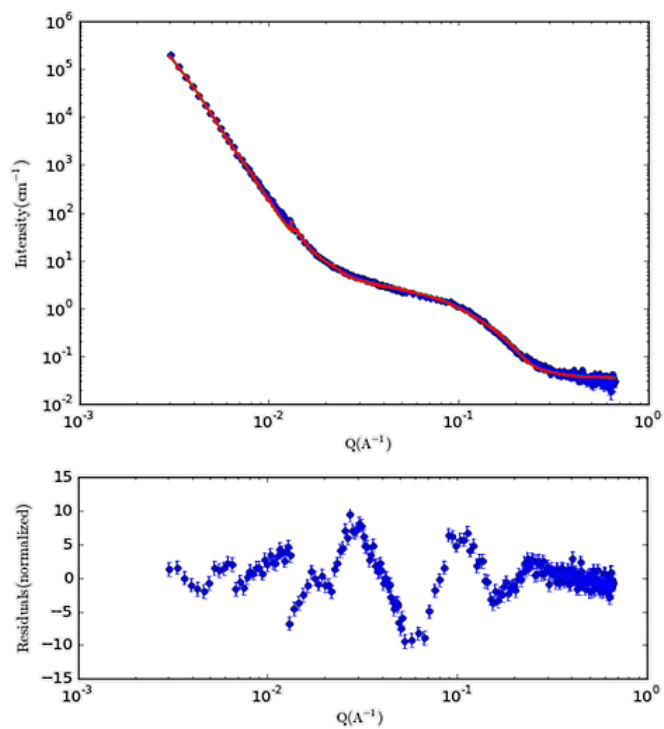
870-540

Aging Time	0	1	2.5	5	7.5	10	24
Pre-existing Laves							
R _a	22.7 ± 0.2	25.5 ± 0.2	25.8 ± 0.1	27.7 ± 0.3	28.6 ± 0.5	25.8 ± 0.2	44.8 ± 0.5
R _b	36.7 ± 0.4	46.7 ± 0.8	57.5 ± 0.5	61.1 ± 0.8	78.3 ± 0.8	61.7 ± 1.0	73.6 ± 1.0
Volume	0.6 ± 0.0	1.0 ± 0.0	1.3 ± 0.0	1.8 ± 0.0	1.9 ± 0.1	2.4 ± 0.0	3.1 ± 0.4
Nucleating Laves							
R _a	-	1.0 ± 0.0	0.8 ± 0.0	3.8 ± 0.0	4.7 ± 0.0	5.7 ± 0.0	7.3 ± 0.0
R _b	-	3.5 ± 0.0	4.8 ± 0.0	9.6 ± 0.0	11.9 ± 0.1	14.1 ± 0.0	19.1 ± 0.1
Volume	0	1.6 ± 0.0	2.2 ± 0.0	3.2 ± 0.0	5.7 ± 0.0	7.2 ± 0.0	9.1 ± 0.0
Beta							
R	-	1.6 ± 0.0	2.3 ± 0.0	2.2 ± 0.0	2.4 ± 0.0	2.4 ± 0.0	2.9 ± 0.0
Volume	0	1.1 ± 0.0	1.8 ± 0.0	2.4 ± 0.0	2.8 ± 0.0	2.8 ± 0.0	2.8 ± 0.0

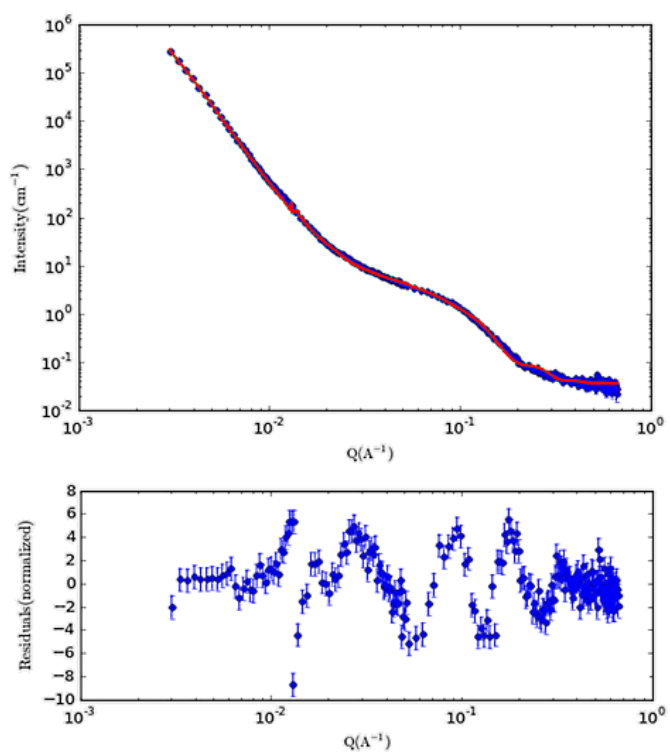
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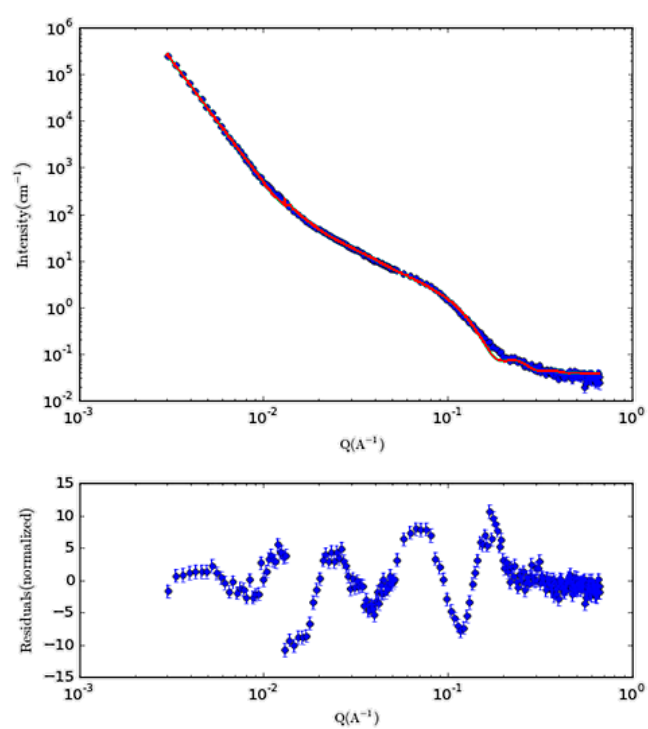
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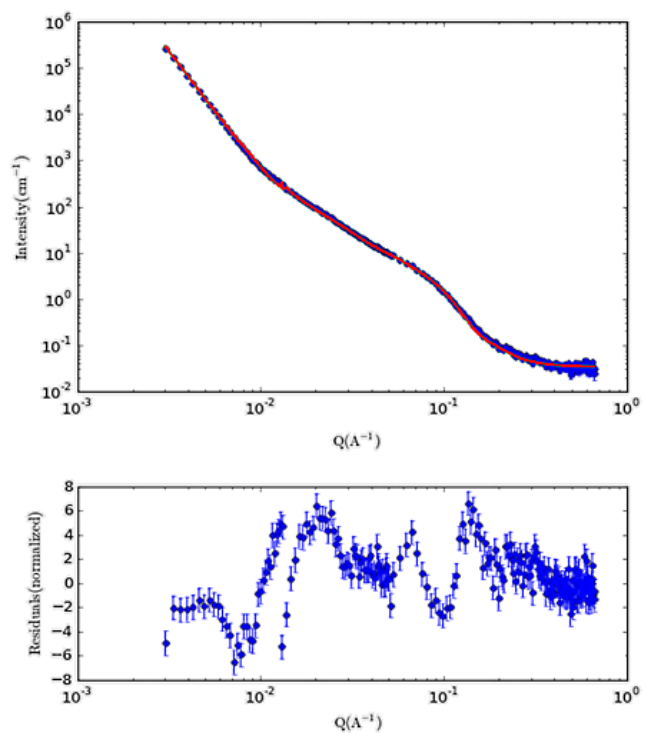
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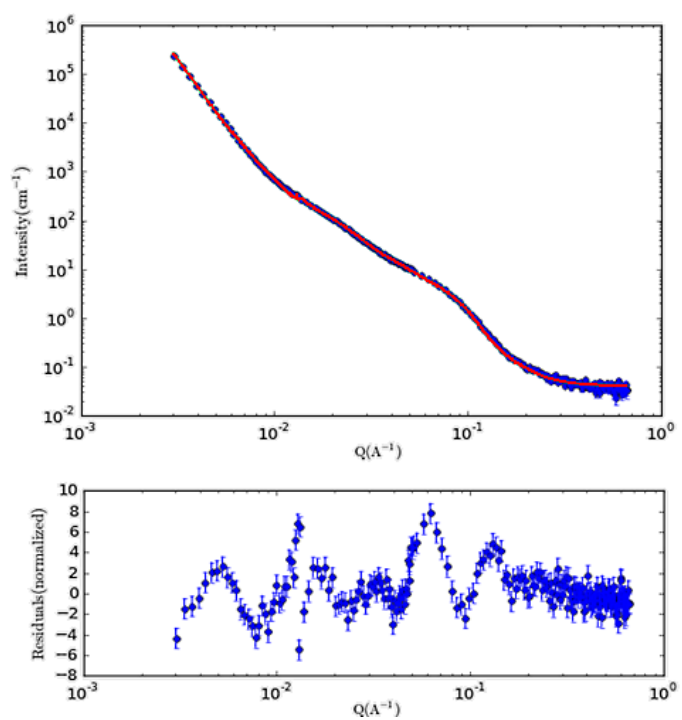
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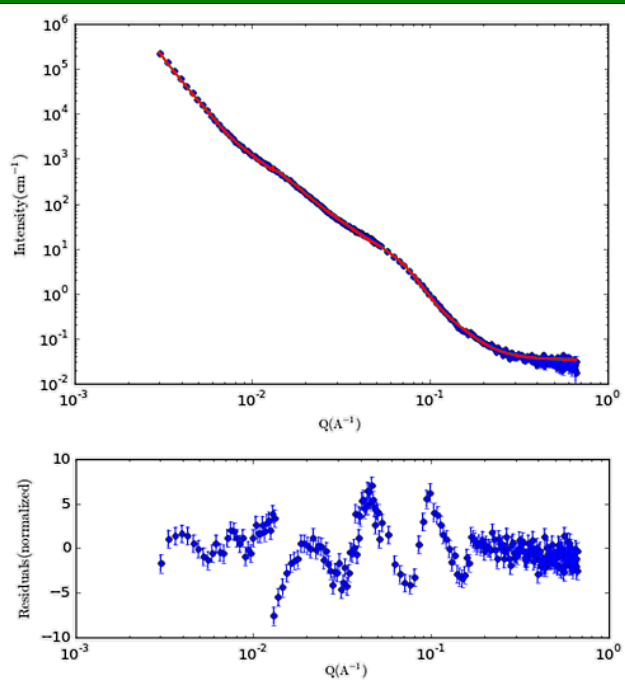
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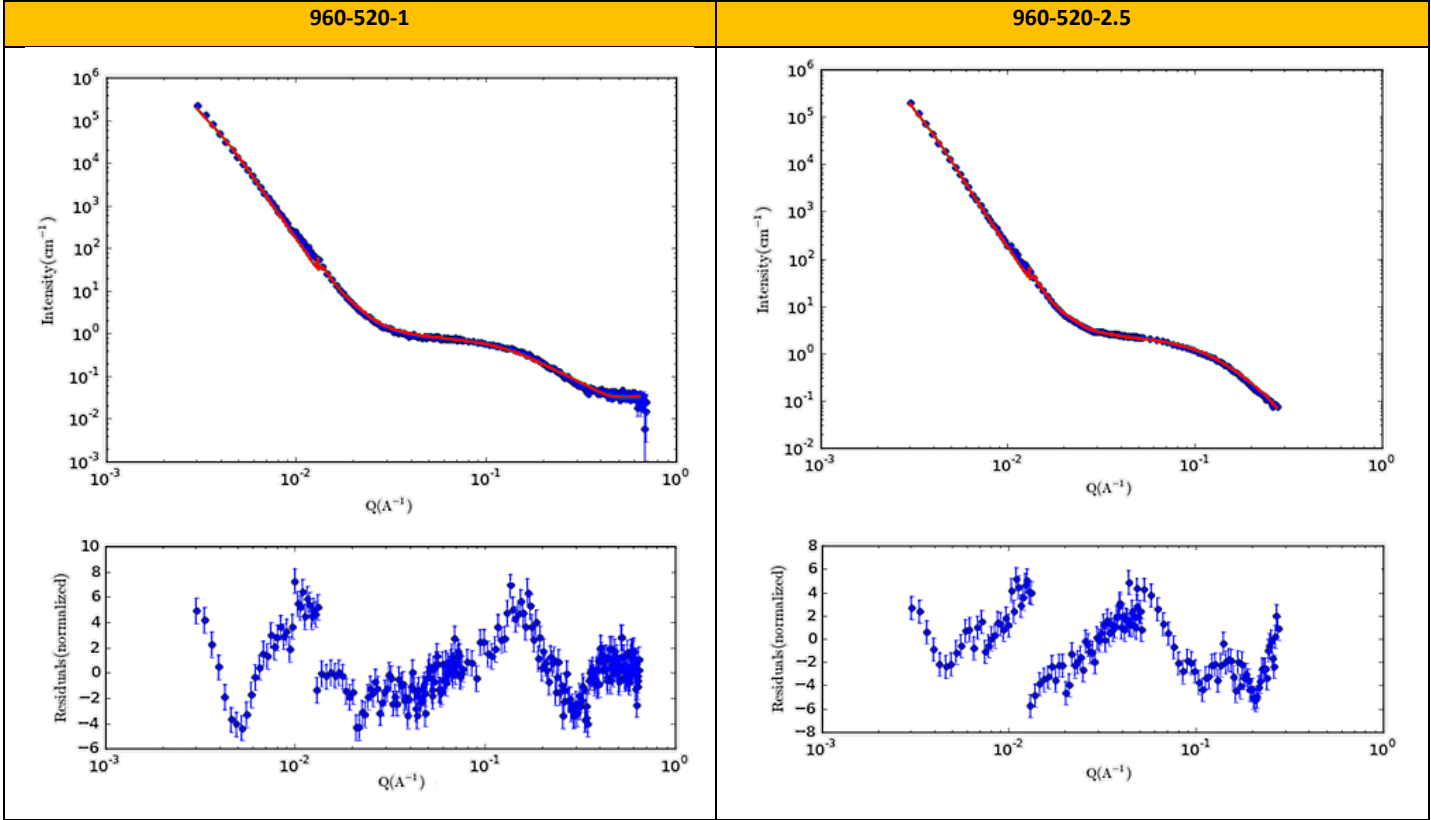
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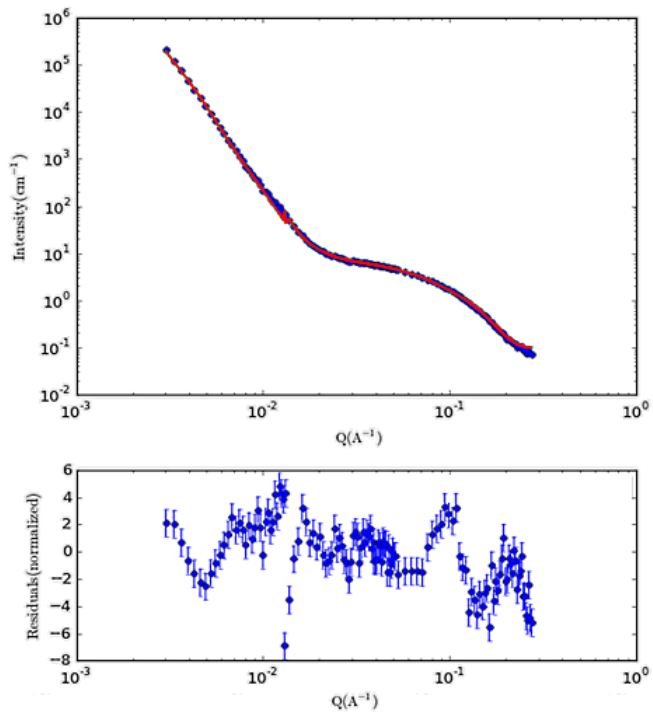
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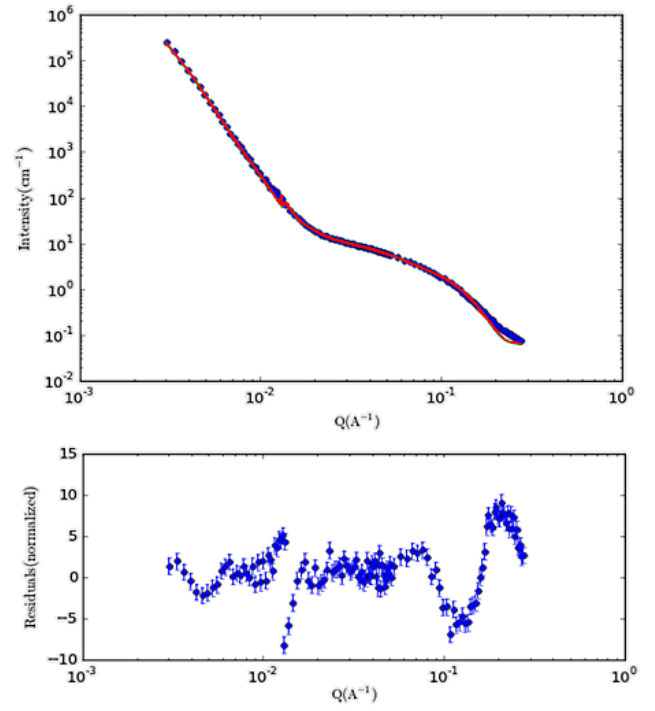
960-520					
Aging Time	1	2.5	5	7.5	10
Pre-existing Laves					
R _a	23.8 ± 0.5	23.7 ± 0.3	24.0 ± 0.4	24.3 ± 0.4	26.1 ± 0.3
R _b	35.8 ± 0.6	36.9 ± 0.8	35.4 ± 0.7	35.9 ± 0.6	39.2 ± 0.5
Volume	0.3 ± 0.0	0.4 ± 0.0	0.3 ± 0.0	0.6 ± 0.0	0.7 ± 0.0
Nucleating Laves					
R _a	1.1 ± 0.0	1.9 ± 0.0	2.6 ± 0.1	2.7 ± 0.0	3.9 ± 0.0
R _b	1.9 ± 0.0	2.4 ± 0.0	4.3 ± 0.0	5.9 ± 0.0	6.5 ± 0.0
Volume	5.1 ± 0.0	5.0 ± 0.0	5.2 ± 0.1	5.6 ± 0.1	5.8 ± 0.0
Beta					
R	0.9 ± 0.0	1.3 ± 0.0	1.7 ± 0.0	1.8 ± 0.0	2.0 ± 0.0
Volume	1.6 ± 0.0	1.9 ± 0.0	1.9 ± 0.0	2.1 ± 0.0	2.1 ± 0.0



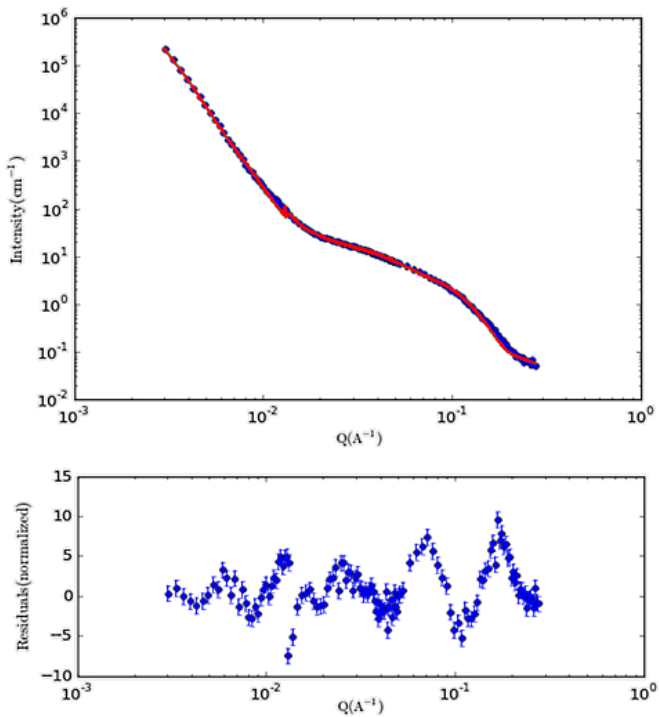
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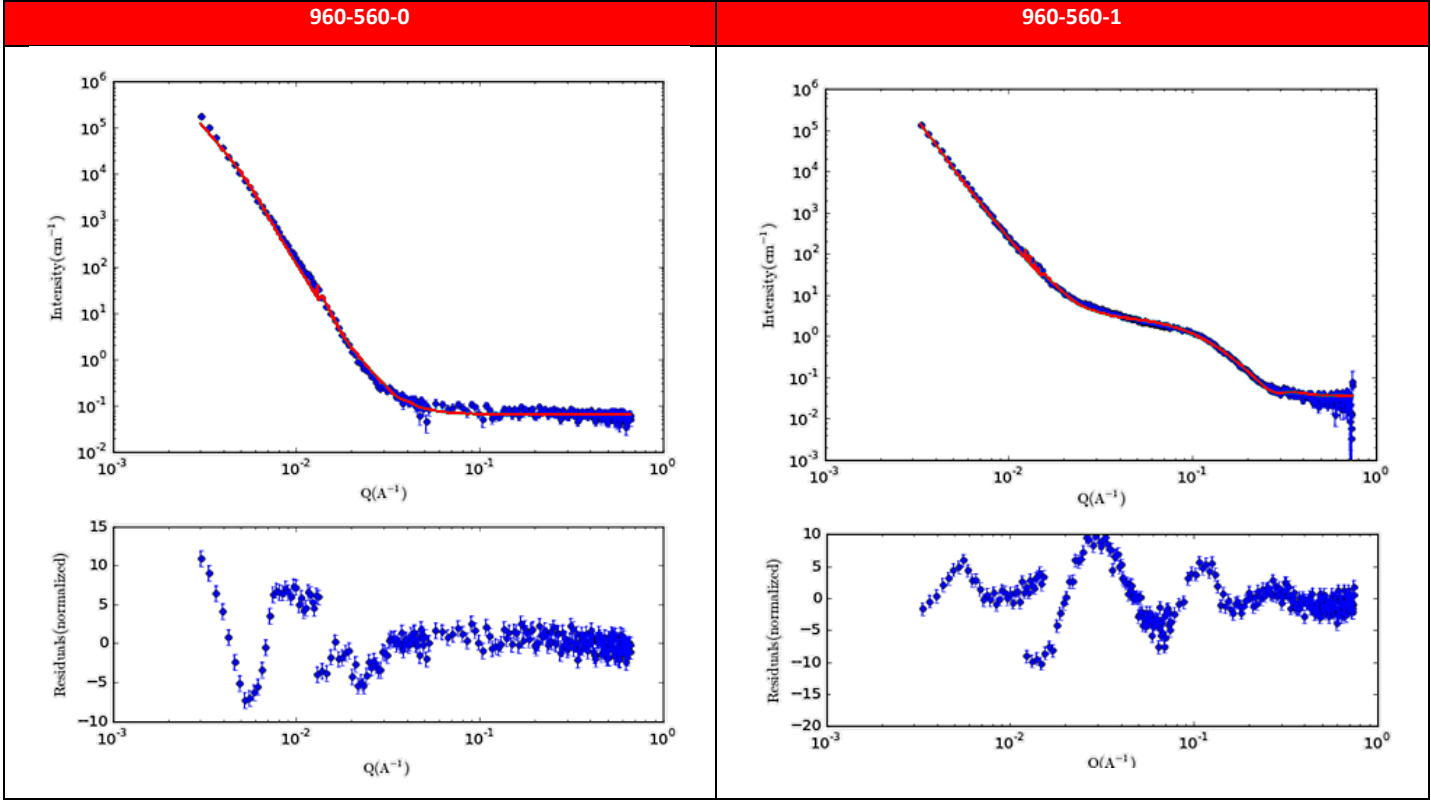
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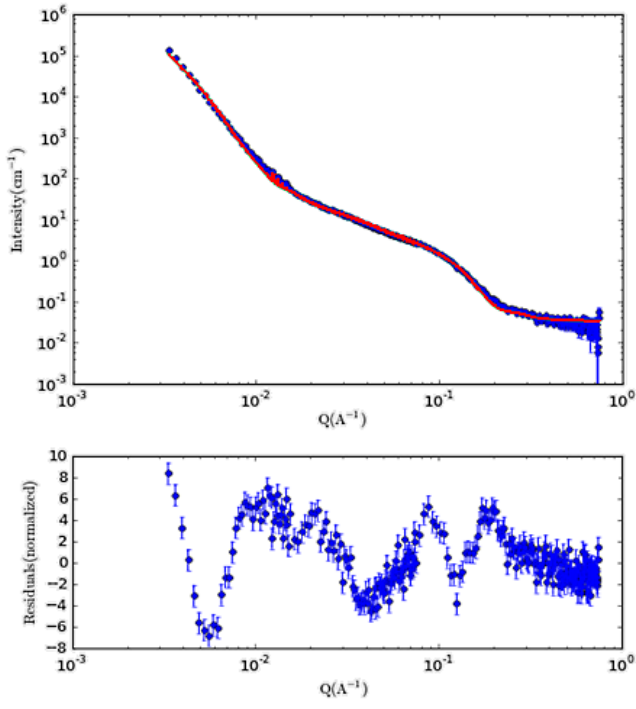
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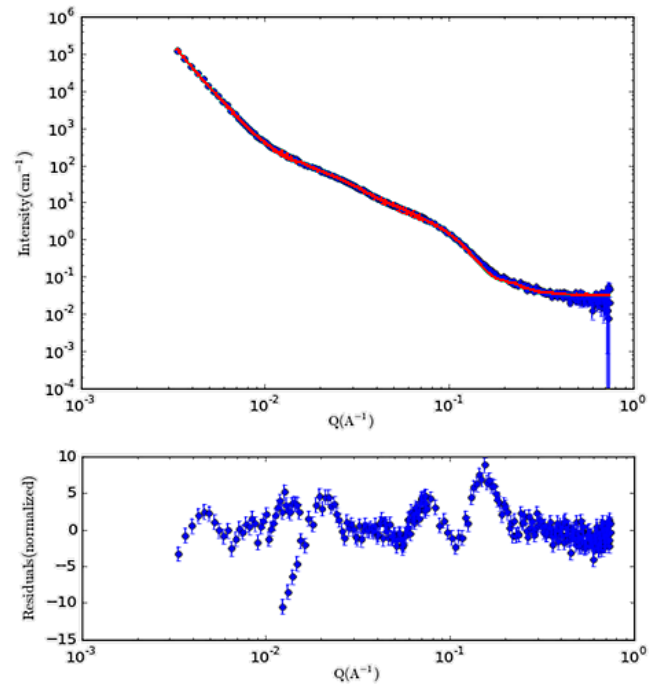
960-540							
Aging Time	0	1	2.5	5	7.5	10	24
Pre-existing Laves							
R_a	20.6 ± 0.3	28.6 ± 0.5	32.6 ± 0.3	33.3 ± 0.2	34.7 ± 0.3	45.1 ± 0.3	55.5 ± 0.7
R_b	31.9 ± 0.5	55.0 ± 2.4	64.3 ± 1.0	66.2 ± 0.5	67.8 ± 0.7	72.9 ± 0.7	80.4 ± 5.4
Volume	0.1 ± 0.0	0.7 ± 0.0	2.2 ± 0.0	2.6 ± 0.0	2.8 ± 0.0	3.5 ± 0.0	3.8 ± 0.0
Nucleating Laves							
R_a	-	1.6 ± 0.0	2.0 ± 0.0	2.9 ± 0.0	4.0 ± 0.0	5.0 ± 0.0	4.9 ± 0.0
R_b	-	2.9 ± 0.0	8.2 ± 0.1	11.2 ± 0.0	12.9 ± 0.0	14.0 ± 0.0	15.1 ± 0.0
Volume	0	6.0 ± 0.0	5.8 ± 0.0	8.9 ± 0.0	12.5 ± 0.0	15.0 ± 0.0	15.0 ± 0.0
Beta							
R	-	1.5 ± 0.0	1.9 ± 0.0	2.4 ± 0.0	2.5 ± 0.0	2.7 ± 0.0	2.6 ± 0.0
Volume	0	1.4 ± 0.0	2.0 ± 0.0	2.3 ± 0.0	2.3 ± 0.0	2.7 ± 0.0	2.5 ± 0.0



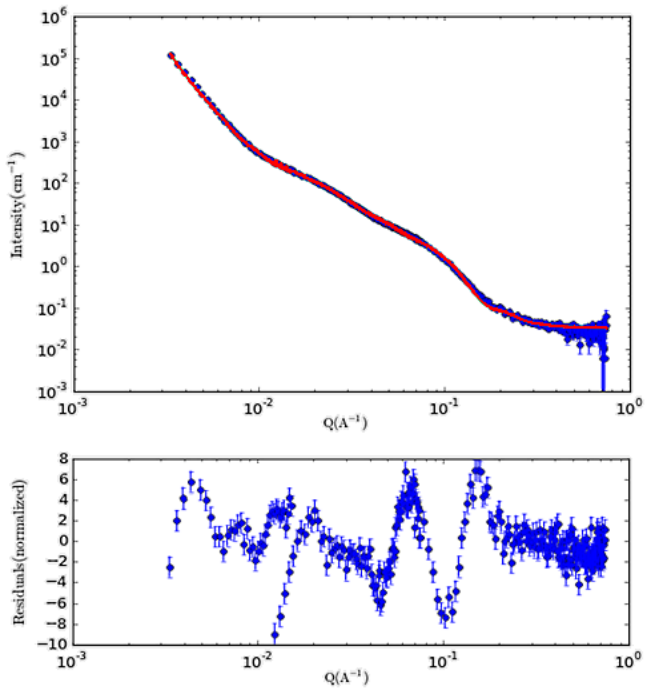
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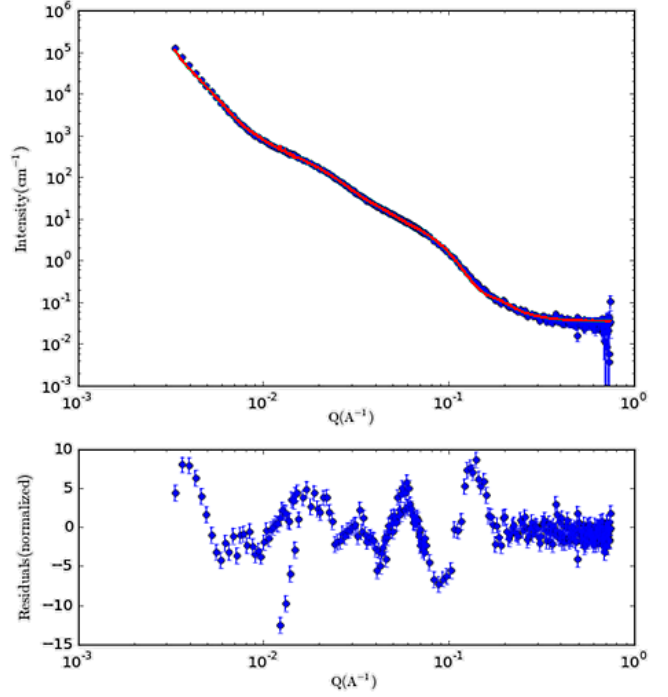
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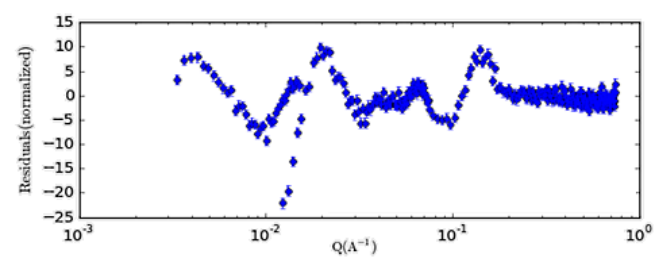
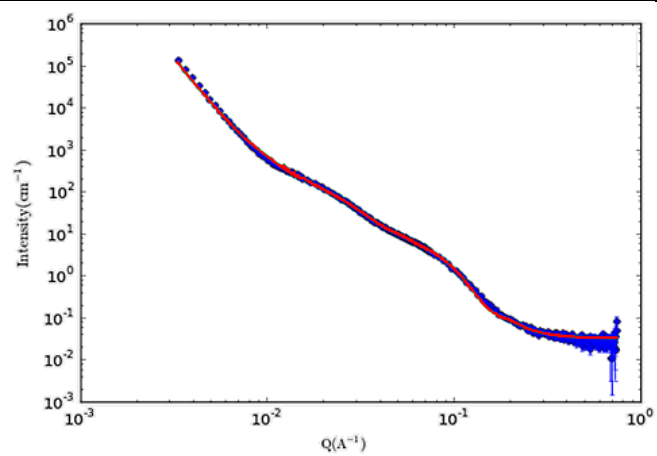
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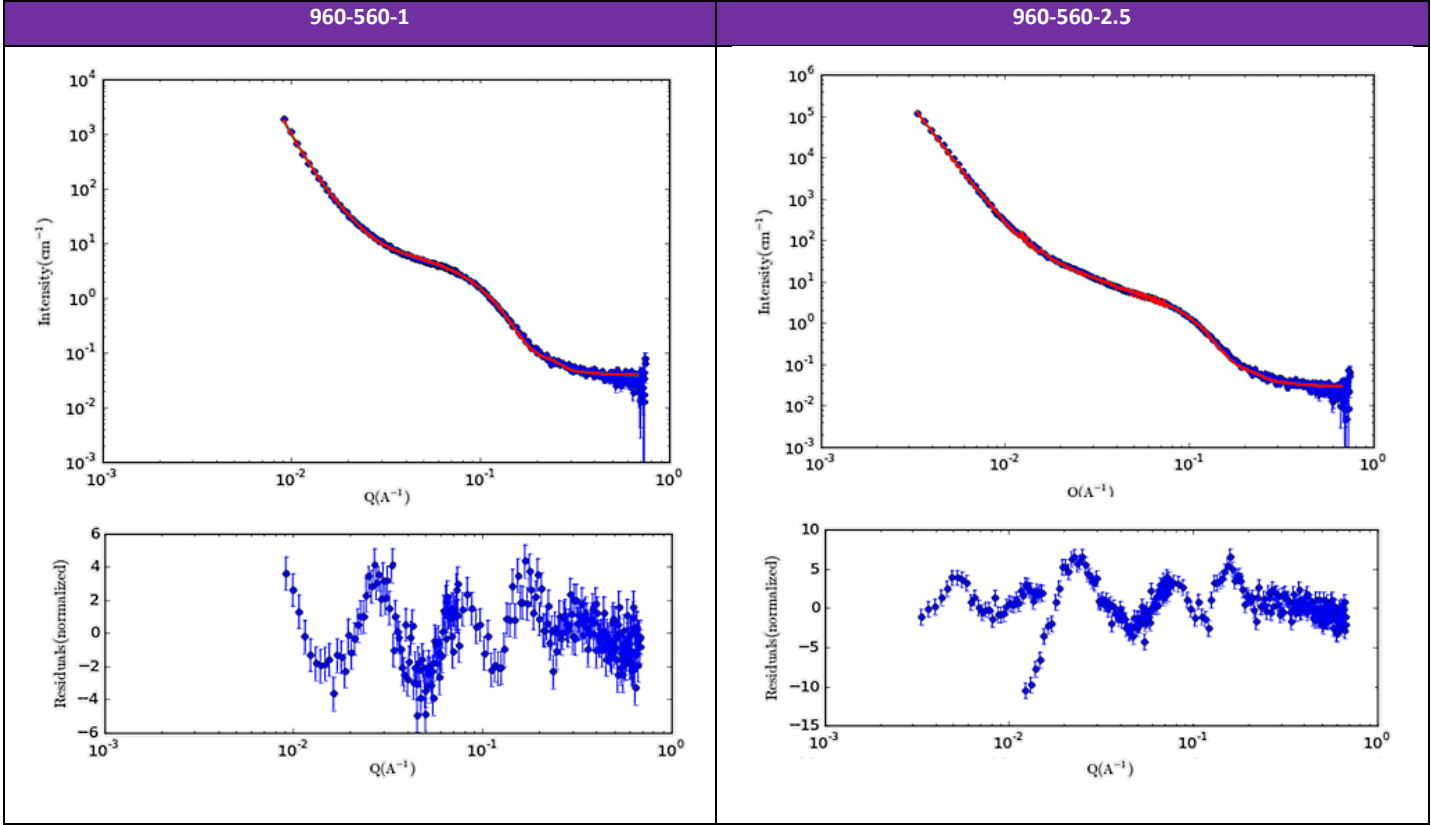
960-560-10



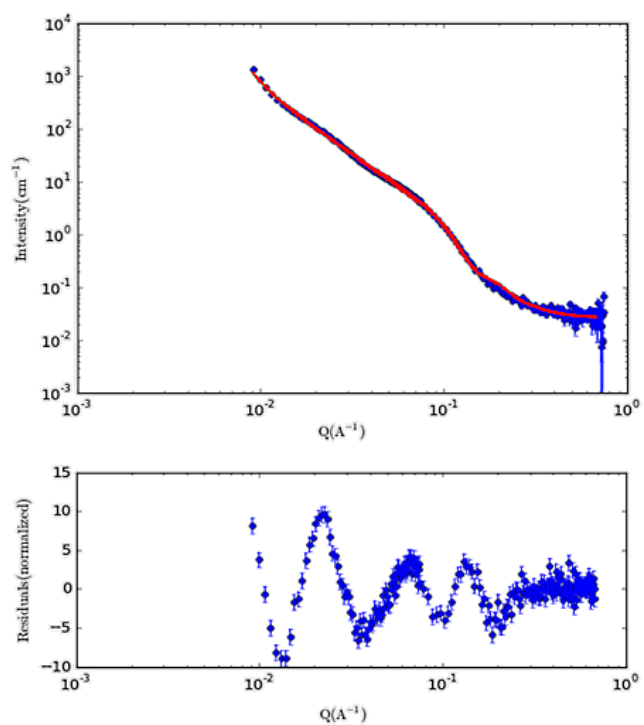
960-560-24



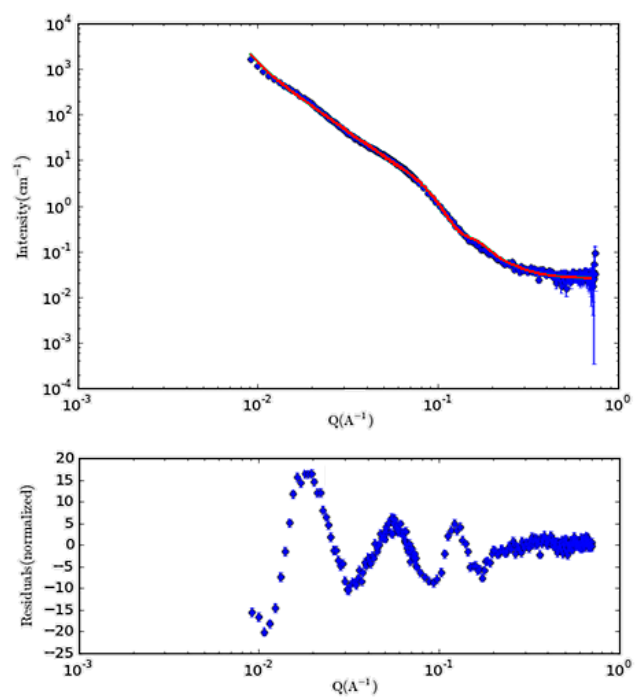
960-560						
Aging Time	1	2.5	5	7.5	10	24
Pre-existing Laves						
R_a	24.2 ± 1.3	31.1 ± 1.2	32.4 ± 3.2	32.5 ± 4.7	38.3 ± 6.6	58.4 ± 20.1
R_b	35.4 ± 2.0	57.5 ± 4.8	60.3 ± 2.2	60.6 ± 3.4	59.5 ± 5.5	65.3 ± 5.4
Volume	0.3 ± 0.0	2.0 ± 0.0	2.7 ± 0.0	3.5 ± 0.0	3.6 ± 0.0	3.6 ± 0.1
Nucleating Laves						
R_a	1.2 ± 0.0	1.4 ± 0.0	3.8 ± 0.0	5.2 ± 0.0	5.6 ± 0.0	5.5 ± 0.0
R_b	3.7 ± 0.0	10.3 ± 0.0	11.8 ± 0.1	14.3 ± 0.1	17.5 ± 0.1	18.0 ± 0.1
Volume	6.2 ± 0.0	6.6 ± 0.0	8.9 ± 0.0	10.1 ± 0.0	13.8 ± 0.0	16.4 ± 0.0
Beta						
R	2.3 ± 0.0	2.4 ± 0.0	2.8 ± 0.0	3.2 ± 0.0	3.4 ± 0.0	3.4 ± 0.0
Volume	1.3 ± 0.0	1.3 ± 0.0	1.3 ± 0.0	1.2 ± 0.0	1.4 ± 0.0	1.4 ± 0.0



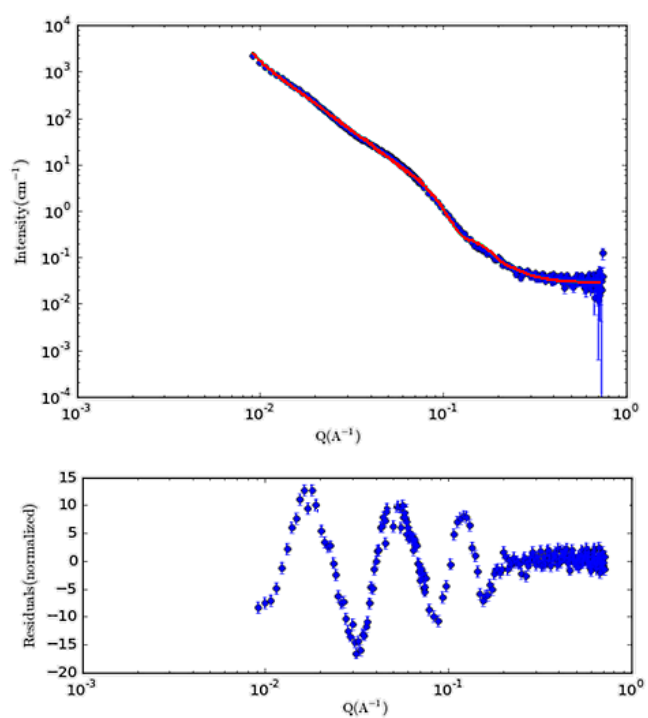
960-560-5



960-560-7.5



960-560-10



960-560-24

